

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052347.D
 Acq On : 12 Dec 2022 13:03
 Operator : JC/MD
 Sample : N5960-02DL2 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0L25DL2

Quant Time: Dec 13 01:03:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

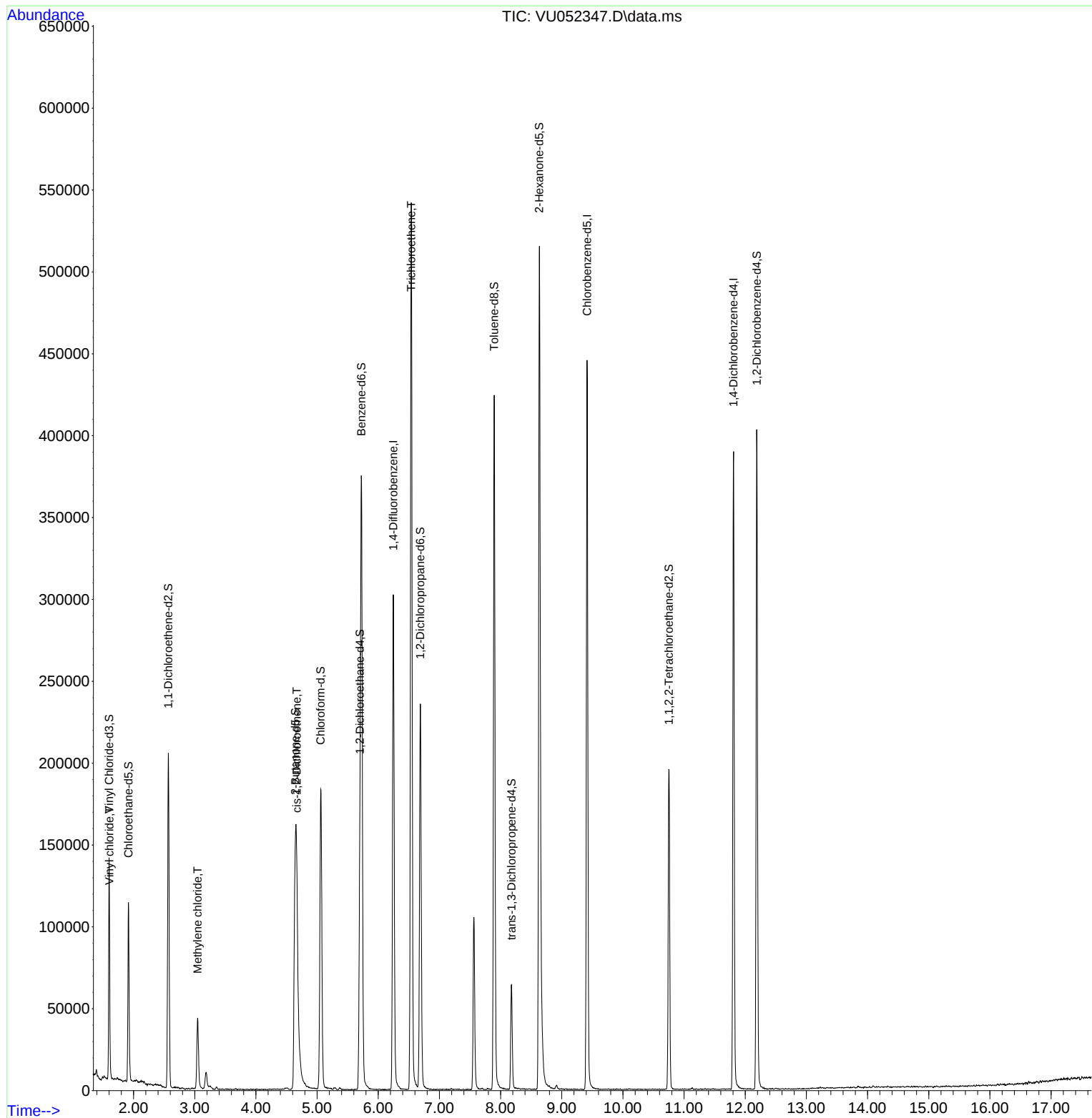
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	252754	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	256125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	95157	3.870	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.916	69	83793	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.568	65	39223	4.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.645	46	258458	57.997	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.000%
24) Chloroform-d	5.060	84	177262	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.700	65	94343	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.726	84	367699	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.687	67	122946	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.896	98	299922	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.179	79	40059	4.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.632	63	180324	49.620	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.240%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105923	5.192	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	110490	5.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
5) Vinyl chloride	1.607	62	4825	0.176	ug/L	# 73
16) Methylene chloride	3.047	84	23043	0.929	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	28837	1.398	ug/L	99
34) Trichloroethene	6.539	95	193446	9.305	ug/L	96

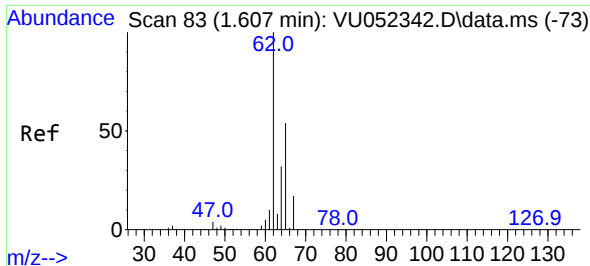
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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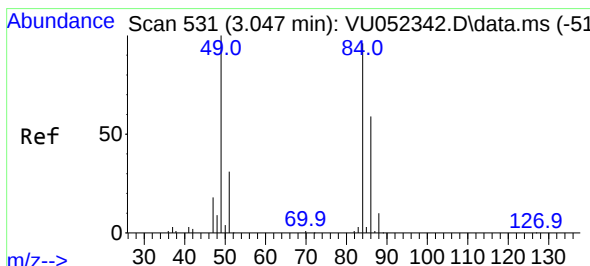
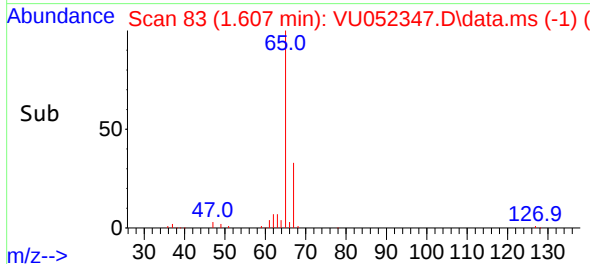
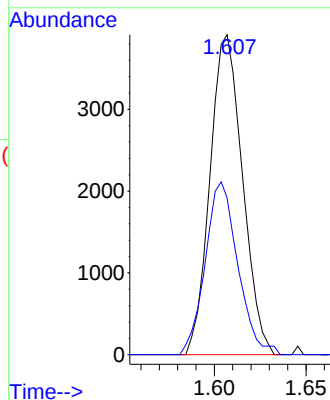
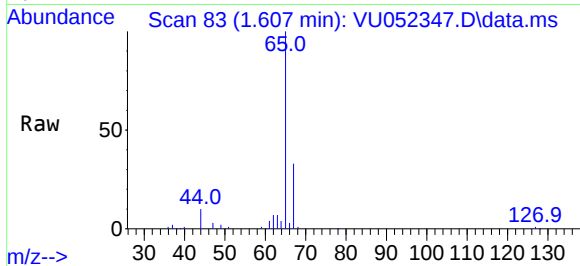




#5
 Vinyl chloride
 Concen: 0.176 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052347.D
 Acq: 12 Dec 2022 13:03

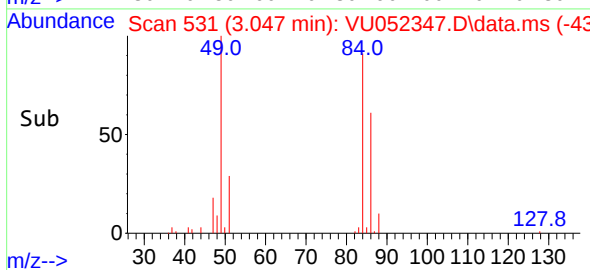
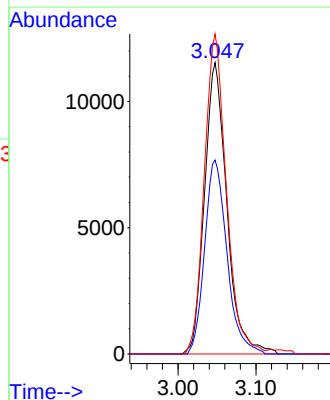
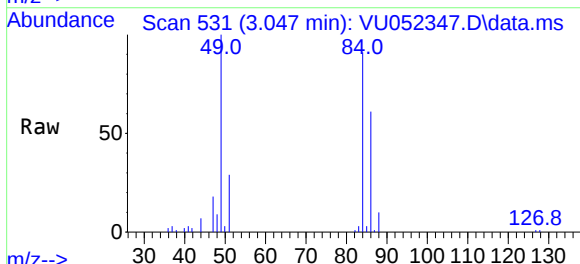
Instrument :
 MSVOA_U
 ClientSampleId :
 COL25DL2

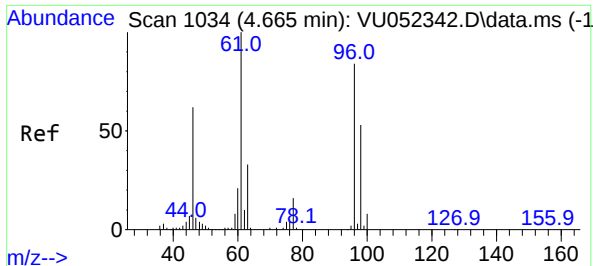
Tgt Ion: 62 Resp: 4825
 Ion Ratio Lower Upper
 62 100
 64 49.1 23.5 43.7#



#16
 Methylene chloride
 Concen: 0.929 ug/L
 RT: 3.047 min Scan# 531
 Delta R.T. -0.000 min
 Lab File: VU052347.D
 Acq: 12 Dec 2022 13:03

Tgt Ion: 84 Resp: 23043
 Ion Ratio Lower Upper
 84 100
 86 66.6 43.8 81.4
 49 109.8 75.9 141.1

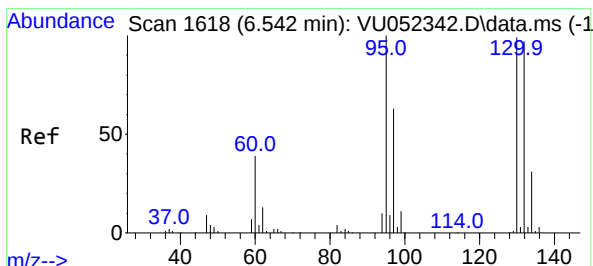
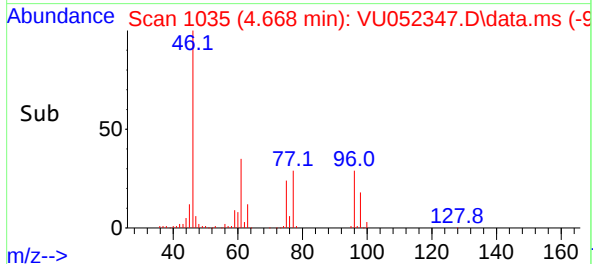
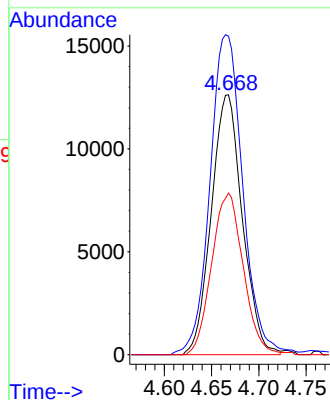
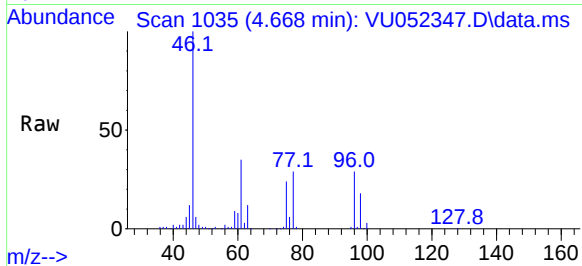




#22
cis-1,2-Dichloroethene
Concen: 1.398 ug/L
RT: 4.668 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU052347.D
Acq: 12 Dec 2022 13:03

Instrument :
MSVOA_U
ClientSampleId :
COL25DL2

Tgt Ion: 96 Resp: 28837
Ion Ratio Lower Upper
96 100
61 122.6 85.1 158.1
98 62.2 42.8 79.6



#34
Trichloroethene
Concen: 9.305 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU052347.D
Acq: 12 Dec 2022 13:03

Tgt Ion: 95 Resp: 193446
Ion Ratio Lower Upper
95 100
97 64.6 43.7 81.1
132 97.2 64.3 119.3
130 100.3 67.3 124.9

